BRUHAT BANGLORE MAHANAGARA PALIKE

DASARAHALLI-ZONE

T.DASARAHALLI-SUB-DIVISION.

Name of Work: Modified Estimate for Improvements & providing Drinking of water Supply in Bagalagunte ward No 14

Est Cost: 10.00 Lakhs

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"Modified estimate"

BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

NAME OF WORK : Improvements & Providing Drinking of Water Supply in Bagalagunte Ward No 14

JOB CODE:014-19-000044 — Estimated Cost 10.00 Lakhs

Sl	Description of work	Units	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-2.6: Excavation 1.5m and above in width in hard rock by chiselling and/or wedging, where blasting is prohibited for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m. in depth stacking the excavated stuff clear from the edge of excavation with lead upto 50m including cost of labour complete as per specifications. Specification No. KBS.it No 2.8, P-5 PWD SR 2016-17								
	For Pipe line	Cum							
	Sidadahalli Main Road		1	248.00	0.45	0.60	66.96		
	Sidedahalli Main road 1st Cross		1	38.00	0.45	0.60	10.26		
	Sidedahalli Main road 2nd Cross		1	40.00	0.45	0.60	10.80		
	Royal Enclave 2nd Main		1	145.00	0.45	0.60	39.15		
	Soundarya Layout 2nd Cross		1	55.00	0.45	0.60	14.85		
	Sahyadri Layout Main Road		1	277.00	0.45	0.60	74.79		
	Navy Layout 2nd Cross		1	50.00	0.45	0.60	13.50		
	Byraveshwara Nagara to sheshadri Layout 6th cross		1	150.00	0.45	0.60	40.50		
	Sampangi Ramaiah Layout Main road		1	120.00	0.45	0.60	32.40		
	Sampangi Ramaiah Layout 3rd cross		1	160.00	0.45	0.60	43.20		
	Sampangi Ramaiah Layout 4th cross		1	100.00	0.45	0.60	27.00		
	Kirloskar layout 4th Cross		1	103.00	0.45	0.60	27.81		
							401.22	1341.00	538036.00
2	KSRB 4.1-2 : Providing and laying in position plain cement concrete of mix M10 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarseaggregates @ 0.892 cum and fine aggregtes @ 0.465 cum machine mixed, concrete laid in laye` not exceeding 15 cms. Thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 KBS 4.1, 4.2 (P.12/I.4.2) PWD - SR 2016-17)								
	CUM	ITEM NOT OPERATED					0.00	5000.00	0.00
3	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness including attached pilaste`, buttresses, plinth and string cou`es cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Page No 15/ Item No 4.31/PWD SR 2016-17								
	SQM	ITEM NOT OPERATED					0.00	310.00	0.00

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4	KSRB 4.2.3 : Providing & laying in position reinforced cement concrete of mix M15 with OPC cement @ 240kgs, with 20mm and down size graded granite metal coarseaggregates @ 0.878cum and fine aggregtes @ 0.459 cum, machine mixed, concrete laid in laye` not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels,retaining walls, return walls, walls ( any thickness) including attached plaste`, columns, pie`, abutments, pilla`, posts, struts, butte`ses, string or lacing cou`es, parapets, coping, bed blocks, anchor blocks, palin window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6.Page No. 13/ Item No.4.12 of PWD SR 2016-17				
	CUM	ITEM NOT OPERATED	0.00	6700.00	0.00
5	KSRRB M2200-6. Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 [P. no.225 - I. no.28.8.2] SR-2016-17				
	TONNE	ITEM NOT OPERATED	0.00	60000.00	0.00
6	SRB 15.3.5: Providing 15mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 113/ Item No. 15.13 / PWD SR 2016-17				
	CUM	ITEM NOT OPERATED	0.00	150.00	0.00
7	Providing and laying flooring using prepolished, water cut/ gang saw 19mm thick granite laid over existing floor in CM 1:4 at 20mm thick (average) and pointed with white/ grey pigment etc., complete.as per specification page No:107 Sl No: 14.47-1 PWD SR 2016-17				
	CUM	ITEM NOT OPERATED	0.00	2700.00	0.00
8	Submarsibale singale phase 2.0HP/1.5KW/35 Stage, Sl.31 (P XLIII)				
	NO	ITEM NOT OPERATED	0.00	20000.00	0.00
9	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Page No. 136 Item No. 17.1 PWD SR 2016-17				
	CUM	ITEM NOT OPERATED	0.00	70.00	0.00

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10	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) **for 25mm nominal OD pipes(Page No. 96, Sl. No. 13.86.3) PWD SR 16-17**								
	CUM	ITEM NOT OPERATED					0.00	255.00	0.00
11	PVC Srorage tank								
	LTR	ITEM NOT OPERATED					0.00	5.00	0.00
12	Cpvc Elbows 25 MM								
	NO	ITEM NOT OPERATED					0.00	35.00	0.00
13	CPVC Tee 25 MM								
	Nos	ITEM NOT OPERATED					0.00	40.00	0.00
14	Water Filter								
	Lumpsum	ITEM NOT OPERATED					0.00	46000.00	0.00
15	Pipeline 6kg/cum								
	Lumpsum	ITEM NOT OPERATED					0.00	67550.00	0.00
		EIRL							
1	Providing and installing at site of work P.V.C. pipes including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour charges and all lift charges, handling charges including encasing the pipe around to a depth not less than 15 cms with gravel or selected earth available from the excavation etc. complete.(RWS SR -19-20)I.NO-10.01.2 B PNO:89								
	For Pipe line	m							
	Sidadahalli Main Road		1	248.00			248.00		
	Sidedahalli Main road 1st Cross		1	38.00			38.00		
	Sidedahalli Main road 2nd Cross		1	40.00			40.00		
	Royal Enclave 2nd Main		1	145.00			145.00		
	Soundarya Layout 2nd Cross		1	55.00			55.00		
	Sahyadri Layout Main Road		1	277.00			277.00		
	Navy Layout 2nd Cross		1	50.00			50.00		
	Byraveshwara Nagara to sheshadri Layout 6th cross		1	150.00			150.00		
	Sampangi Ramaiah Layout Main road		1	120.00			120.00		
	Sampangi Ramaiah Layout 3rd cross		1	160.00			160.00		
	Sampangi Ramaiah Layout 4th cross		1	100.00			100.00		
	Kirloskar layout 4th Cross		1	103.00			103.00		
							1486.00	234.96	349151.00
	Basic rate	207.00							
	Area weightage 3%	6.21							
	Total	213.21							
	ADD 12% GST	25.59							

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1.7991% less against SR rate		-3.83586						
Total rate		234.96						
Refilling the basement and pipeline trenches with selected available earth from trench excavation including watering, Consolidation in layers of 15 cm thick including disposing of the surplus earth with all lead & lifts.. (RWS SR-19.20) I No.2.25, P.No.14								
For pipeline		Cum						
Sidedahalli Main road		1	248.00	0.45	0.6	66.96		
Sidedahalli Main road 1st cross		1	38.00	0.45	0.6	10.26		
Sidedahalli Main road 2nd cross		1	40.00	0.45	0.6	10.80		
Royal enclave 2nd main		1	145.00	0.45	0.6	39.15		
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Byraveshwara Nagara to Sheshadri layout 6th cross		1	150.00	0.45	0.6	40.50		
Sampangi ramaiah layout M/R		1	120.00	0.45	0.6	32.40		
Sampangi ramaiah layout 3rd cross		1	160.00	0.45	0.6	43.20		
Sampangi ramaiah layout 4th cross		1	100.00	0.45	0.6	27.00		
Kirloskar Layout 4th cross		1	103.00	0.45	0.6	27.81		
						401.22	116.91	46907.00
Basic Rate	103.00							
Add Area Weightage 3%	3.09							
Total	106.09							
Add 12% GST	12.73							
1.7991% less against sr rate	-1.90867							
Total rate	116.91							
TOTAl AMOUNT								934094.00
Rupees Nine Lakhs Thirty four thousand Ninety four Only								

Total Tender Agrement Amount 934649
Actual Working Amount 934094
Savings 555

Certificate:

1 This works comes within BBMP Limits
2 Certified that Personaly inspected the work spot
3 Certified that the estimate is prepared based on RWS SR of Bangalore Circle 2019-20 & PWD SR of 2016-17.
4 Estimate is prepare making use of essentioal item of work as per site conditions insafety way of execution in most economical way
5 This work is not included in any other programme of work

Assistant Engineer
Ward No 14

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore-73.

EXECUTIVE ENGINEER
Bruhat Bengaluru Mahanagara Palike
Dasarahalli Division, Bengaluru-73

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